

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6612335").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/29 12:19
L4	1299	(137/625.27,625.2,625.25,625.26).CCLS.	USPAT	OR	OFF	2007/05/29 12:28
L5	41	L4 (slide or pneumatic) ((three or "3") adj way) spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 12:29
L26	69	4 (exhaust) (slide or pneumatic) spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/29 12:39
S1	20	(("4079525") or ("5947738") or ("6146141") or ("6572375") or ("6682350") or ("6748938") or ("6820608") or ("6874492") or ("20030022135") or ("20040074486") or ("20030084601")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/29 12:19
S2	2	("4380437").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/28 08:16
S3	4	(("4812122") or ("6509896")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/11/28 15:50
S4	1	"9208598"	EPO; JPO	AND	ON	2005/12/01 09:08
S5	6	(("6041762") or ("6186168") or ("4898205")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/03 15:59
S6	41	US-5947738-\$ DID. OR US-3306168-\$ DID. OR US-5569085-\$ DID. OR US-6112636-\$ DID. OR US-4480999-\$ DID. OR US-4678437-\$ DID. OR US-5842300-\$ DID. OR US-6146141-\$ DID. OR US-5937563-\$ DID. OR US-5591032-\$ DID. OR US-2023497-\$ DID. OR US-4877403-\$ DID. OR US-5980254-\$ DID. OR US-4823401-\$ DID. OR US-5427380-\$ DID. OR US-5560549-\$ DID. OR US-5788500-\$ DID. OR US-5816817-\$ DID. OR US-5823779-\$ DID. OR US-5892221-\$ DID. OR US-6283756-\$ DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/03 16:04
S7	4	("6146141").URPN.	USPAT	AND	ON	2005/12/03 16:10
S8	0	S7 pilot	USPAT	AND	ON	2005/12/03 16:10
S9	1	S6 pilot	USPAT	AND	ON	2005/12/03 16:10

## EAST Search History

S10	26	(US-20030022135-\$ or US-20030084601-\$ or US-20040074486-\$).did. or (US-4079525-\$ or US-4812122-\$ or US-5947738-\$ or US-6146141-\$ or US-6509896-\$ or US-6572375-\$ or US-6682350-\$ or US-6748938-\$ or US-6820608-\$ or US-6874492-\$ or US-4898205-\$ or US-6041762-\$ or US-6186168-\$).did. or (DE-2726396-\$ or US-4380437-\$ or US-6146141-\$ or US-5947738-\$ or GB-2342710-\$ or GB-2352022-\$ or WO-200151875-\$ or EP-1262728-\$ or WO-200279709-\$ or US-20030084601-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2005/12/03 16:11
S11	0	S10 pilot	US-PGPUB; USPAT; DERWENT	AND	ON	2005/12/03 16:11
S14	242	(434/18,11).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/12 07:13
S15	6	"631944".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 12:08
S16	1540	(pilot near2 valve) simul\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 13:43
S17	31	(pilot near2 valve) simul\$5 distal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 16:02
S18	2	(pilot near2 valve) simul\$5 distal recoil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 13:43
S19	77635	electric\$3 same control same valve same (air or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 16:03
S20	558	S19 (weapon or pistol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 16:03
S21	44	S20 and (simulate or simulation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 16:33

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S22	41	S20 distal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/30 16:33
S23	929	((463/2,5) or (434/11,16,18,19,21)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/31 10:12
S24	11	S23 magazine valve (electric\$2 or electronic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/03/31 10:14
S25	960	((463/2,5) or (434/11,16,18,19,21)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/24 19:19
S26	9	S25 (cylinder) piston (exhaust or vent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/22 16:16
S27	9	S25 (cylinder) piston (exhaust or vent or exhausted or vented)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/22 16:21
S28	9	S25 (cylinder) (piston or bolt) (exhaust or vent or exhausted or vented)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/11/22 16:21
S29	9	(("6343599") or ("4951644") or ("6349711") or ("3072289")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/24 19:19
S30	40459	high same low same spring same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:08
S31	8665	S30 same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:02
S32	923	S31 "251".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:03

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S33	121911	"251".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:04
S34	1	S32 251/254.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:07
S35	4243	(high adj2 pressure) same low same spring same valve same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:14
S36	495	S35 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:10
S37	1188	(251/337).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 15:10
S38	6	S36 S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:10
S39	3018	(high adj2 pressure) same (low adj2 pressure) same spring same valve same gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/24 15:32
S40	352	S39 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:19
S41	259	S39 same slide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:19
S42	28	S41 S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/19 15:19
S43	1576	(high adj2 pressure) same (low adj2 pressure) same spring same valve same slide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/24 15:32

## EAST Search History

S44	17	S43 recoil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/24 15:33
S45	2	("5392865").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/27 14:22
S46	742	(137/625.27).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/27 15:01
S47	72	S46 slide spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/27 14:36
S48	19	S46 spring gas (high near2 pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/27 14:36
S49	9	("2976852"   "2989989"   "3191626"   "3542065"   "3819152"   "R025251").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/27 14:48
S50	16	("3951166").URPN.	USPAT	AND	ON	2007/03/27 14:49
S51	6	(137/625.27).CCLS.	US-PGPUB	OR	OFF	2007/03/27 15:05
S52	448	(137/625.27).CCLS.	USPAT	OR	OFF	2007/03/27 15:26
S53	1296	(137/625.27,625.2,625.25,625.26).CCLS.	USPAT	OR	OFF	2007/05/29 12:39
S54	286	S53 spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/27 15:27
S55	23	S54 gas (high near2 pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/03/27 15:27
S56	729	four with gate with valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/09 13:43
S57	279	S56 spring	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/09 13:43

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S58	88	S57 gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/09 13:48
S59	35	four with (gate or flanges) with valve spring gas (high adj pressure) (low adj pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/09 13:49